Amendment to the Specification:

Please replace the first full paragraph on page 2 and which continues to the top of page 3 of the specification with the following amended paragraph:

When a portion of a bone has a damage due to a disease or an accident, the bone is spontaneously recovered when the width of the damage is 5 mm or smaller. However, when the damage in a bone exceeds 5 mm, auto-transplantation of the bone is conducted taking a portion of a bone of the hip or a leg of the patient. However, since the size of the bone which can be taken is limited and the load to the body of the patient is great due to cutting of a healthy portion of a bone, various artificial bones have been developed and utilized. For example, as the artificial bone which is made of biologically active materials and organic polymers, has a great mechanical strength and exhibits a great biological activity, an artificial bone which is made of 30 to 90% by weight of glass powder containing CaO and SiO_2 as the main component and 10 to 70% by weight of a copolymer of 2,2-bis[4-(3-methacryloxy-2-hydroxypropoxy)-phenyl]propane and triethylene glycol dimethacrylate or the like is proposed (Japanese Patent Application Laid-Open No. Heisei 6(1994)-154305, page 2). As the composite

material for artificial bones exhibiting excellent mechanical properties and biological compatibility, a composite material made of titanium and hydroxyapatite prepared in accordance with the metal powder injection molding process is reported (Hideo ~~Yoshizawa~~ Furuzawa, Yasuhiro Kataoka and Koichi Nagata, Aichi-ken Kogyo-Gijutu Center Kenkyu Hokoku (Research Reports of the Center fo Industrial Technology of Aichi Prefecture), No. 37, 2001). An artificial bone made of titanium in accordance with the laser sintering rapid prototyping process is also reported as the artificial bone which is custom-made in accordance with the condition of the individual patient.